

(b) allelic variants of (a); and
 (c) polynucleotides that are species homologs of (a) or (b) and are at least 60% identical in nucleotide sequence to (a) or (b) [DNA molecules encoding a protein that is at least 80% identical in amino acid sequence to a protein encoded by (a) or (b), wherein said isolated DNA molecule encodes a protein having hematopoietic activity].

20. (amended) An expression vector comprising the following operably linked elements:

a transcription promoter;

a DNA segment selected from the group consisting of:

(a) the Eco RI-Xho I insert of plasmid pZGmpl-1081 (ATCC 69566); [DNA segments encoding a hematopoietic protein and comprising a nucleotide sequence as shown in SEQ ID NO:1 from nucleotide 237 to nucleotide 692;

(b) DNA segments encoding a hematopoietic protein and comprising a nucleotide sequence as shown in SEQ ID NO:18 from nucleotide 64 to nucleotide 519;

(c)]

(b) allelic variants of (a) [or (b)]; and

(c) [(d)] DNA segments that are species homologs of (a) or (b) and are at least 60% identical in nucleotide sequence to (a) or (b) [a hematopoietic protein that is at least 80% identical in amino acid sequence to a protein encoded by (a), (b) or (c)]; and

a transcription terminator.

Please add the following new claims:

--42. A polynucleotide according to claim 18 encoding a hematopoietic protein.

43. An isolated, cultured cell comprising a DNA segment selected from the group consisting of:

(a) the Eco RI-Xho I insert of plasmid pZGmpl-1081 (ATCC 69566);